



southern california dx club

DECEMBER 2001

P5!

The outstanding news of the month was the appearance of 4L4FN/P5. It was a surprise when Ed appeared on ten meter SSB and began to slowly work through the pile ups. We hope that he soon will have central government authorization and comes on with a BIG signal. Congratulations to the stations that are in the log.

Soap Box— Words from our President

Chuck — KR6C



Happy Holidays!!,

Wow, where did this year go? Seems like last month we were planning the Summer Picnic and now its time for our Holiday Dinner! I hope everyone had a wonderful Thanksgiving Holiday and had an opportunity to enjoy the company of family and friends. For those of you who may have missed out, you can join us this month for our Annual Holiday Dinner at the Proud Bird Restaurant in Los Angeles. There

will be plenty of food and lots of great stories about the wonderful treats this year brought us such as the 3Y, P5, YA and soon a new VR6. Skip has lined up another great presentation and there will be some juicy door prizes for us to drool over. So come on down and join us for some Holiday fun and cheer.

Don't forget next month we will be voting in the 2002 Board. Nominations will be presented at this months Dinner and published in the Bulletin. There will also be presentations and voting for the Visalia 2002 Patch and Golf Shirt. The Visalia committee can always use help from our members so if you would like to participate in this world renown event, contact one of the committee members. The convention is only 4 months away and if you haven't already made your hotel reservations you should start thinking about it now. This is going to be one great time.

Finally I would like to thank everyone for your support and

assistance and for making this year a very memorable one for me. I don't have much else report so I will say I hope you have a very safe and enjoyable Holiday Season. Take some time and step back and enjoy all its beauty. Well that's it for now and from Karen and I, we would like to wish you a Happy Holiday Season and a Very Happy New Year!

Elections

The elections for SCDXC officers will take place at the January meeting. The board has prepared a slate as follows:

President:	Skip Bolnick KJ6Y
Vice President:	Herb Rosenberg KG6OK
Secretary:	Jim Shryne N6DHZ
Treasurer:	Cathy Gardineas K6VC
Membership:	Harv Shore K6EXO
Director:	Charlotte KB6FXS

Also nominated for Director are: Larry-K6YUI, Neil-K6SMF, and Ira-K6IRA

Convention Logo and Shirt Design Contest will be held at the January Meeting.

The contest is on.
Bring your designs to the meeting.
Keep them simple and colorful.

Next General Meeting

There will be no general meeting in December. The SCDXC will hold its HOLIDAY PARTY at the Proud Bird on December 13. If you have not made reservations call Skip, KJ6Y now!

The program for this meeting will be a presentation by Herb, KG6OK . He has some great slides showing his trip with K6RO to KP2 in Oct 2000. Herb's home station is featured in this issue.

See ya there!

Dues

It is that time of year again. Club dues (still \$18.00) for 2002 should be sent to the membership chairman, K6EXO by December 31.

The Veeeeeep Speaks

de Skip KJ6Y



It's the last week of November, and Thanksgiving and the CQWW CW contest are over. Hope everyone had a good holiday and a better contest. I didn't get on much during the contest, it was a very busy weekend. I've did try to work the P5 without any luck. Seems he's the loudest is when he's calling for 1's, 2's or South American, and when he starts to fade he calls for

Sixes. I'll keep trying and hopefully it will count.

RSVP's are still coming in for the Holiday Party. Be sure to get your reservation in before December 5th, so we can give the restaurant an accurate count. I've been busy getting the raffle prizes together. I'm sure it'll be a good assortment.

Our speaker for the Party will be Herb, KG6OK, on his trip to KP2. Should be interesting.

The board is busy working on the "Slate or Officers" for next year. We also had a Convention meeting and things are well on their way. If you'd like to help out on the convention, get in touch with Carl, WU6D. The convention committee appreciates all the help it can get.

I want to wish everyone a very Happy Holiday Season and Healthy and prosperous New Year.

Vanity processing

Mail disruptions lead to vanity processing suspension

Recently announced changes in mail handling procedures at the FCC's Gettysburg, Pennsylvania, office have effectively halted processing of Amateur Radio vanity call sign applications. The FCC has processed vanity applications received through October 14. Vanity applications received after that remain on hold for now.

Help Needed!

Jim Cain, K1TN, is author currently writing a book of great interest to Ham Radio.

He is trying to find someone who has the Don Chesser DX Magazines, Issues 1 to 64, 1958 and 59)? He wants to borrow them for his research.

Please contact K6EXO if you can be of help.

NCDXF elects new officers

At its Board of Directors meeting on October 23, 2001 in San Francisco, CA, the Northern California DX Foundation re-elected the following officers and directors:

President Len Gerald	K6ANP
Vice President Al Burnham	K6RIM
Secretary Tom McShane	NW6P
Treasurer Bruce Butler	W6OSP
Director Rusty Epps	W6OAT
Director Dave Pugatch	KI6WF
Director Chuck Ternes	N6OJ
Director Steve Thomas	N6ST
Director Glenn Vinson	W6OTC

Newly elected directors are Steve Merchant, K6AW and Ken Anderson, K6TA.

YA Operation Approved

The ARRL DXCC Desk reports it has received acceptable documentation for YA5T in Afghanistan and has approved it for DXCC credit. The license, which authorizes operation on all bands--including 6 meters--was issued by the Islamic Republic of Afghanistan government that's still recognized by the United Nations. YA5T is being operated by Peter Casier, ON6TT, as well as by Mats Persson, SM7PKK, Robert Kasca, S53R, and Mark Demeuleneere, ON4WW. All are in Afghanistan working for the UN World Food Program.

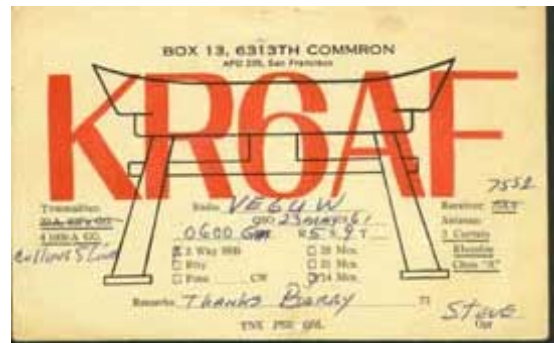
The documentation is for contacts made on or after November 20, 2001. "No other call signs or operations have been approved as of this date," ARRL Membership Services Manager Wayne Mills, N7NG, said on November 26. Casier also has operated as YA/ON6TT/m.

(Taken from the ARRL Web site www.arrl.org)

QSLs WE REMEMBER



Barry tells us he was "cleaning the shack" when he came across these gems. It brought back the memories of the days, over 40 years ago, when Barry was a young VE6.



Meet the 2002 Convention Committee



The convention committee is off to a good start. Here are photos of some of the team being assembled to make the 53rd International DX Convention the best ever. You can help. Contact Carl . He has a job for you!

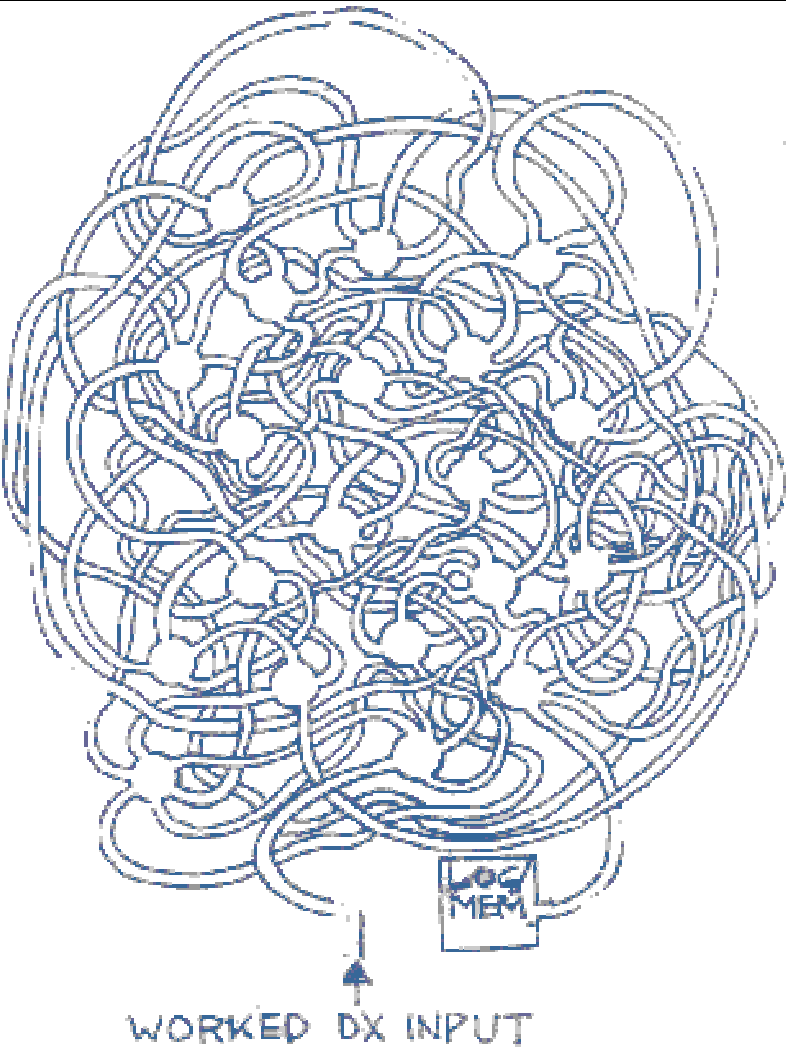
Ham Puzzle



It has been medically well established that the diagram below depicts the brain of a typical ham DXer, showing the neurological

circuitry. The synapses (nodes) where "wires" come together are plainly visible. When this brain has emerged from a big pileup with a 59 report, and is assured that it has been logged in by the currently rare dx, with a USA QSL manager, eight of its synapses glow in the dark (as evidenced by intercranial optical sensors). This event is duly impressed into its memory bank. Tracing from the worked dx input stimulus, can you find which eight synapses glow, and the remainder of the path to its memory bank? Hints: If you come upon a synapse, leave by the immediate right or left neuron path. Re-entering a synapse on a different path is ok. Passing through a synapse one or more times and it glows.

The answer to last months puzzle can be found on page 8



Spotting Derby

de K6EXO

We are in the home stretch. The bands have been pretty good so we can expect a break-out in the final yards of the race.



Here are the scores for the month of November.

Spotter	Spots	Score	N6DHz	7	20
-----	-----	-----	N7CQQ	16	17
K6YRA	84	268	K6CH	6	16
W6TG	54	183	KC6T	6	16
WA5VGI	39	134	N6AV	5	15
AI6Z	38	113	K6IRA	7	13
WA6TLA	38	113	K6YUI	6	13
K6WM	35	110	K6JW	8	12
W6LAX	55	98	K6FR	2	10
W6VX	29	96	W3SE	12	9
KR6C	36	85	W6Y00	3	9
W6AUG	30	61	W6SR	2	7
N6IC	23	61	N6RT	4	6
K6GX0	13	46	K2PLF	2	6
N6HY	22	44	W6FW	2	6
KG60K	13	44	K6WS	1	6
AD6KQ	12	42	N60U	2	5
W6KK	21	37	WA6WxD	2	5
K6FG	10	37	WB9AWX	1	5
N6KZ	14	32	W6GA	1	4
KN6H	10	30	W6RJ	2	3
W06M	9	20	W6EA	1	3
K6ACZ	8	20	W6EJj	1	3

Propagation—December 2001 by Shel, W6EL



These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on

bands that are not listed. A solar flux of 192, corresponding to a sunspot number of 143, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC. Good luck and good DX from Shel, W6EL.

FO0 Austral Is. - 12/3 - Beam 212 degrees
Sunrise/sunset (on 12/3) 1511/0429
80: 0700-1330.
40: 0530-1400.
20: 0230-1530.
15: 0000-0930 and 1500-1900.
10: 1600-0430.

HS (E2) Thailand - 12/8 - Beam 314 degrees
Sunrise/sunset (on 12/8) 2330/1047
80: 1330-1400.
40: 1130-1500.
20: 1530-1700.
15: 1630-1930 and 2300-0330.
10: 1730-1800 and 2330-0130.

KC6 (T8) Palau (Belau) - 12/30 - Beam 285 degrees
Sunrise/sunset (on 12/30) 2105/0836
80: 1130-1400.
40: 0930-1500.
20: 1030-1200 and 1530-1730.
15: 1630-1730 and 2000-0430.
10: 2030-0300.

VP8 South Orkney Is. - 1/5 - Beam 150 degrees
Sunrise/sunset (on 1/5) 0602/0009
80: 0400-0530.
40: 0200-0630.



A Moxon Rectangle Antenna For 10 Meters

Milt, W6RJO, sends in this write up on his latest project.

The Moxon Rectangle (ARRL Antenna Compendium, Vol.6), named after its developer W. Moxon of British Ham Fame, looks like a simple rectangle 1/8 by 1/2 wavelength in size. Actually its a two element Yagi, with the ends of the reflector and driven element bent back toward each other and separated by polyethylene rods as in the picture. Fun to build, excellent front-to-back, sturdy construction, and with a 1 :1 balun connected to 50 ohm coax works like a champ.

20: 0030-1030.
15: 2300-0600.
10: 0030-0230 and 1530-1830.

VP8 South Georgia Is. - 1/10 - Beam 141 degrees
Sunrise/sunset (on 1/10) 0621/2246
80: 0530-0600.
40: 0200-0700.
20: 0000-1030.
15: 2230-0430.
10: 1500-0200.

Shel tells us there is an upgrade to W6ELPr op on the web at: <http://www.qsl.net/w6elprop>.



This month we visit the well planned out shack belonging to Herb, KG6OK, in Santa Ana

Here is a rundown of the setup.

3 Primary Operating Positions
Configurable for Single Op / SO2R,
Multi Single / Multi Multi
Kenwood TS950SDX / Kenwood
TS850's
Alpha 87A, Alpha 89
Top Ten Devices Relays, Dunestar
Band Pass Filters, W2VJN Coaxial
Stubs
6 computer / Dual Monitor LAN, Ro-
tor Control
Internet & RFComputer Controlled
Automatic Rig / Antenna / Packet
Cluster
DSL Internet Connection



Herb has a lot of antennas to support his activities.

Tower 1:

- Force 12 4BA – 12 ele 10/12 & 15/17 at 90 Feet
- Force 12 EF180B – 80 Meter Rotatable Dipole at 84 feet
- Force 12 EF230 – 2 ele 30 Meter Beam at 78 Feet
- Force 12 Magnum 620/340 – 6 ele 20M / 3 ele 40M at 72 Feet
- 160 Meter Inverted Vee, and Separate Shunt feeds on tower for 80 / 160 with 4 elevated radials on each band

Tower 2:

Force 12 C31XR at 43 Feet – 3 ele 20M, 4 ele 15M, & 7 ele 10M
Butternut Multi Band Vertical





A Visit to W1AW

Last month the editor had an opportunity to visit our old friend Irv, W6IS. Irv now lives just a few miles from W1AW so we drove by and visited with Wayne Mills and Jim Moore.

The facilities are very nice, an excellent display of where we have been in the lobby — but an acute interest in where we are going in the “working spaces”

For those who have not seen the facilities, I recommend the trip.

Thanks to Irv for taking us there and to Wayne for the time spent showing us around.



FCC Expands Extra Tests

The National Conference of Volunteer Examiner Coordinators' Question Pool Committee has released a revised and expanded Amateur Extra class (Element 4) question pool into the public domain. The new question pool becomes effective July 1, 2002, and must be used to generate all Extra class written examinations administered on or after that date. It replaces the Extra class question pool released April 15, 2000—the day Amateur Radio “restructuring” became effective.

The new Element 4 pool expands the number of questions by more than 20 percent—806 questions—as opposed to 665 in the current Extra class pool, and it contains more technical material. More than half of the questions cover electrical principles, circuits, signals and emissions.

The 50 questions in an Extra class examination are drawn from the question pool consistent with FCC rules

and according to a formula that specifies the number of questions to be asked from each of nine topic areas. Applicants must correctly answer at least 37 questions to pass.

November Puzzle Answer

WA6TLA provided the best answer to the question given last month.

“The reason that the convention of USB on 20 meters and up and LSB on 40 and 80 started with the way the SSB signals was original generated back in the '50s. It has to do with the fact that the original SSB exciters were designed with the SSB signal being generated at 9 MHz USB using the phasing method. This technique shifted both the 9 MHz rf and audio signals plus and minus 90 degrees using double balanced modulators with the net result of a 9MHz USB output.

To get to 20 meters you mixed a 5 MHz

fixed frequency with the 9 MHz USB signal and selected the SUM frequency, $9\text{USB} + 5 = 14\text{ MHz USB}$. To get to 80 meters you selected the DIFFERENCE frequency, $9\text{USB} - 5 = 4\text{ MHz LSB}$. Thus, using a single USB generator you could get onto 20USB and 80LSB by simply tuning the mixer output.

From that point on the “standard” continued for today's operating!!

Regarding the question of offset tuning on CW, for LSB the tuning is obviously reversed when compared to USB tuning. However, I always use CW normal (USB) for all of my CW operating. I haven't missed anything yet!”



Who We Are

The BULLetin is published monthly by the Southern California DX Club and is mailed to all club members.

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Please direct all submissions for the BULLetin to the editor.

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